MINOS position on P-907

1. MINOS Collaboration feels that high quality hadro-production data, taken in an environment that simulates closely MINOS running conditions, would strongly enhance the quality and credibility of the MINOS experiment. Thus MINOS Collaboration is very much interested in obtaining such data.

2. MINOS Collaboration feels that Fermilab could be an ideal place to run such a hadroproduction experiment. However, this position is contingent on availability of sufficient resources at Fermilab to complete P907 in a timely manner in addition to high priority MINOS tasks.

3.MINOS Collaboration is acutely aware of the limitations on financial and human resources that Fermilab faces at the present time. At the same time MINOS Collaboration appreciates the significant effort required to mount the NuMI neutrino beam line and MINOS detectors on the projected time scale. We also believe that mounting of a hadroproduction experiment, capable of satisfying MINOS needs, will be a major task that will quite likely draw on some of the same resources required for MINOS completion. Our first priority is completion of MINOS/NuMI project on time.

4. We foresee both an increasing interest and potential for involvement by the MINOS Collaborators in P-907 or equivalent as the NuMI/MINOS project nears completion. Thus we would support planning for such an experiment on a later timescale, ie around 2004 or 2005.

5. Running P-907 concurrently with MINOS would require sharing of the Main

Injector cycles between NuMI and P-907. We would be reluctant to embark on the P-907 program if it would mean losing more than 10% of the available protons.

6. Our support of a hadroproduction experiment would require that we be convinced that the design of the experiment is such as to be capable of accomplishing MINOS goals. The best way to assure this would be to have active and significant participation by the MINOS collaborators in the intellectual leadership, design, construction, and execution of such an experiment. We hope and expect that this would be possible once MINOS construction is completed.